A4341

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# DHX38 Rabbit pAb

**Catalog No.: A4341** 2 Publications

## Basic Information

**Observed MW**
140kDa

**Calculated MW**
141kDa

**Category**
Polyclonal Antibody

**Applications**
WB,ELISA

**Cross-Reactivity**
Human,Mouse,Rat

## Background

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by this gene is a member of the DEAD/H box family of splicing factors. This protein resembles yeast Prp16 more closely than other DEAD/H family members. It is an ATPase and essential for the catalytic step II in pre-mRNA splicing process.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:1000 - 1:2000 |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

**Gene ID**
9785

**Swiss Prot**
Q92620

**Immunogen**
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

**Synonyms**
RP84; DDX38; PRP16; PRPF16; DHX38

## Contact

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## Product Information

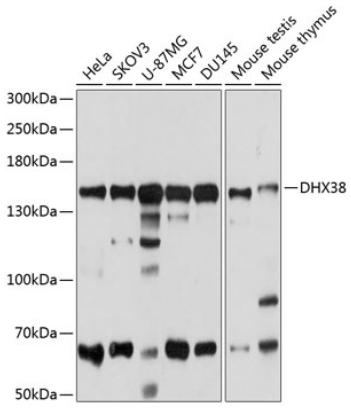
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data




Western blot analysis of various lysates using DHX38 Rabbit pAb (A4341) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.